

In the claims:

Please amend the claims as follows:

B' Claim 1 (Currently Amended): A close contact type sensor arranged with a plurality of unit pixels each comprising a sensor circuit portion and a plurality of irradiation window portions, said close contact type sensor comprising:

an optical fiber plate between the sensor circuit portion and a reading object, said optical fiber plate comprising an optical fiber,

wherein said optical fiber comprises a core, a clad and an absorbing layer,

wherein said clad is provided over said core, and

wherein said absorbing layer is provided over said clad.

Claim 2: (Original): A scanner using the close contact type sensor according to claim 1.

Claim 3: (Original): A portable information terminal using the close contact type sensor according to claim 1.

Claim 4 (Currently Amended): A close contact type sensor arranged with a plurality of unit pixels each comprising a sensor circuit portion and a plurality of irradiation window portions, said close contact type sensor comprising:

an optical fiber plate between the sensor circuit portion and a reading object, said optical fiber plate comprising an optical fiber;

wherein an area of any of the plurality of irradiation window portions is larger than an area of a half of a section of a single piece of an said optical fiber in the optical fiber plate,

wherein said optical fiber comprises a core, a clad and an absorbing layer,

wherein said clad is provided over said core, and

wherein said absorbing layer is provided over said clad.

Claim 5 (Original): A scanner using the close contact type sensor according to claim 4.

Claim 6 (Original): A portable information terminal using the close contact type sensor according to claim 3..

Claims 7-24 (Withdrawn)

B
Claim 25 (Previously Added): A sensor according to claim 1 wherein said sensor is incorporated into one selected from the group consisting of a digital still camera, an X-ray camera, a note-type personal computer, a game machine and a television telephone.

Claim 26 (Previously Added): A sensor according to claim 1 wherein said sensor circuit portion comprises a photo diode.

Claim 27 (Previously Added): A sensor according to claim 1 wherein said sensor circuit portion comprises an amplifying transistor.

Claim 28 (Previously Added): A sensor according to claim 1 wherein said sensor circuit portion comprises a resetting transistor.

Claim 29 (Previously Added): A sensor according to claim 4 wherein said sensor is incorporated into one selected from the group consisting of a digital still camera, an X-ray camera, a note-type personal computer, a game machine and a television telephone.

Claim 30 (Previously Added): A sensor according to claim 4 wherein said sensor circuit portion comprises a photo diode.

Claim 31 (Previously Added): A sensor according to claim 4 wherein said sensor circuit portion comprises an amplifying transistor.

Claim 32 (Previously Added): A sensor according to claim 4 wherein said sensor circuit portion comprises a resetting transistor.

Applicant : Hajime KIMURA
Serial No. : 09/849,975
Filed : May 8, 2001
Page : 5 of 7

Attorney's Docket No.: 12732-044001 / US4904

Claim 33 (New): A sensor according to claim 1 wherein said sensor is incorporated into a scanner.

¹
B Claim 34 (New): A sensor according to claim 1 wherein said sensor is incorporated into a portable information terminal.

Claim 35 (New): A sensor according to claim 4 wherein said sensor is incorporated into a scanner.

Claim 36 (New): A sensor according to claim 4 wherein said sensor is incorporated into a portable information terminal.
